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+210 + 3<211 - 262 <212/ DNA rales Homo Sapiens

1000 25

210:- 1 +211 + 81 1212: DNA

110.

.110.0 .. .11 26 -:212: PRT

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tigotolygi tolgigatta aagagagagg jigagigool igoocaciyi gyibalygat
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qiaadatatt calaqaaaat tagratdata jaaaaaaaan Maadaaaaa aadaaaaada
mouthroppe ogeotogyes awakatigyg togagoatgo atotagggog giowattoog
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my ratiotique addengement tit
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5 11 8 848
Libe Humb Sapiens
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agiabbotgo cottocagag tgtgaattac otaatgggaa catggccatt tggaaccatc
                                                                        1:0
stringaaga tagigatoid datagattas tataadaigi toaddagdat attdadddid
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tghambatga gtgttgateg atabattgba gtotgccaco ctgtcaaggo sttagattto
                                                                         31.5
ligra militi gadatgosaa laattatbaat gtotgsaast ggatootsto ttoagslatt.
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inn mit hit pil natyttidat lygoralwa na laaatabaggo aalggtiddat agattighada.
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tacgicatca tiaaagccii ggitacaatc coagaaacta cgitocagac igittoiigg
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cactiotique tigototagg tracacaaac agotgootoa accoagroot tratgoatti
otggatgaaa acttcaaacg atgottcaga gagttotgta toocaacoto ttocaacatt
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gagraacaaa actocactog aattogtoag aacactagag accaccocto cacggodaat
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acaguggata gaactaatca toagaattat tatataatto atagatgitg otgoaataco
                                                                         345
postbutatti otoaaaagoo agtottgoto iggttotgig attaa
 2.112 314
1212 FRT
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My Thr Tip Pro Phe Gly Thr Ile Leu Cys Lys Ile Val Ile Ser Ile
                             40
App lyr Tyr Ash Mot Phe Thr Ser Ile Phe Thr Leu Cys Thr Met Ser
                         55
Val Asp Arg Tyr Ile Ala Val Cys His Pro Val Lys Ala Leu Asp Phe
                     70
                                         75
Arg Thr Pro Arg Asn Ala Lys Ile Ile Asn Val Cys Asn Trp Ile Leu
                                     90
Ser Ser Ala Ile Gly Leu Pro Val Met Phe Met Ala Thr Thr Lys Tyr
            100
                                 105
Ard GlA Gly Ser Ile Asp Cys Thr Lea Thr Phe Ser His Pro Thr Try
                             120
        3.1 Ast let Let Lys Ile Cys Val Phe Ile Phe Ala Phe Ile
                         135
145
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Lou Lys Ser Val Arg Met Leu Ser Gly Ser Lys Glu Lys Asp Arg Asn

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18 1 Ang Ang The Inn Ang Met Wal Leu Wal Wal Wal Ala Wal Phe The
                                  185
            165
Mal Cys Trp Thr Pro Ile His Ile Tyr Val Ile Ile Lys Ala Leu Val
                                                   205
                             200
Th: lie Pro Glu Thr Thr Phe Gin Thr Val Ser Trp His Phe Cys Ile
                         215
Ala Leu Gly Tyr Thr Ash Ser Cys Leu Ash Pro Val Leu Tyr Ala Phe
                                          235
                     230
    Asp Tiu Ash Phe Lys Arg Cys Phe Arg Glu Phe Cys Ile Pro Thr
                                      250
   Ser Ash Tie Glu Gln Gin Ash Ser Thr Arg Ile Arg Gln Ash Thr
                                  265
            260
Arg Asp His Pro Ser Thr Ala Asn Thr Val Asp Arg Thr Asn His Gln
                                                   285
                             230
Asn Tyr Tyr Ile Ile His Arg Leu Cys Cys Asn Thr Pro Leu Ile Ser
                         295
                                               31)11
Gln Lys Pro Val Leu Leu Trp Pne Cys Asp
                     310
. 13 - Esmo dapiens
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                                                                           +5 i]
atgleagatg ofcagetogg tesestosge etgasgetse tetetgiets agecaggaet
ggtttotgta agaaacagca ggagetgtgg cageggegaa aggaagegge tgaggegett
ggaacergaa aagteteggt geteetgget aeetegeasa geggtgeeeg eeeggeegte
                                                                          180
                                                                           241
agtaccatgg acageagoge tgoodcaeg aacgdcagda attgdactga tgoottggeg
                                                                           3:
tannimasgni gotocccago acceagocce ggttcottggg toaacttgto ccaottagat
nyhaanntys acqueocaty cygtoogaac cycaccyacc tyggogyggay agacagcoty

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accaagatga agaptgooac baabatotad attiticaabo itgototggo agatgootta
godaccagta cootgocott coagagtgtg aattacctaa tgggaacatg godatttgga
addatecttt geaagatagt gateteeata gattaetata adatgtteae cageatatte
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godattigto ttootgtaat gttoatggot abaabaaaat adaggbaagg ttodatagat
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tgtacastaa cattototsa tosaasstgg tactgggaaa acstgstgaa gatotgtgtt
ticatorited cottoattat godagtgoto atcattacog tytgotatyy actyatyato
nnyhanan na Agadoyi buy bangunotoo ggotobaaay aasaggabag gaatottoga
aaran na nna aaran rinyin ariiyistayig ghiigtyitba tugtotgiitg yaantiinati.
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t mit konkut itotubatigu itotajyttab abaaabagot gubtosabbo agibbittät.
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gosaatadag tggatagaad taatbatdag aattattata taattbatag atgttgotgo
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A 5

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<211 - 1245
:212: DNA
-213 - Homo Sapiens
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.gtt::tt:sud dagoacceag occoggittos igggicaact igtcocasti agaiggcaac
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tigt tigaco catgoggtos gaacogcaco gacotgggog ggagagacag cotgtgccct
regardegea greecteest gateseggee steargates tygositets itecategig
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atgaagactg coaccaacat ctacattttc aaccttgotc tggcagatgc cttagocacc
                                                                                                                                          430
agtamostgo cottocagag tgtgaattac ctaatgggaa catggocatt tggaascatc
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robargatop typotygiggt ggtggetgtg ttbatogtot gotggactop battbabatt
                                                                                                                                          301
tabgreatea tiaaagooti ggttabaate ooagaaabta ogttobagab tgtttbttgg
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 112 · PRT
+213 · Homo Sapiens
-1400:- 9
Met Aso Ser Jer Ala Ala Pro Thr Asn Ala Ser Asn Cys Thr Asp Ala
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Leu Ala Tyr Ser Ser Cys Ser Pro Ala Pro Ser Pro Gly Ser Trp Val
                                                               25
Nam New Sor His Lew Asp Gly Ash Lew Ser Asp Pro Cys Gly Pro Ash
                                                       40
Annother Aspoleu Gly Gly Arg Asp Ser Leu Cys Pro Pro Inr Gly Ser
Fro der Met Ile Thr Ala Ile Thr Ile Met Ala Leu Tyr Ser Ile Val
                                                                               7.5
Cys Val Val Gly Leu Phe Gly Asn Phe Leu Val Met Tyr Val Ile Val
                                                                       90
Arg Tyr Thr Lys Met Lys Thr Ala Thr Asn Ile Tyr Ile Phe Asn Leu
                                                               105
Ala Leu Ala Asp Ala Leu Ala Thr Ser Thr Leu Pro Phe Gln Ser Val
                                                                                               125
                                                       125
Ash tyr 100 Met 3ty Thr Trp Pro The Gly Thr 11e Led Cys Lys Ile
Ual lie Ger Tie Asp Tyr Tyr Ash Met Phe Thr Ser lie Phe Thr Lou
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155
                    150
145
Cys Thr Mot Ser Val Asp Arg Tyr Ile Ala Val Cys His Pro Val Lys
                165
                                    170
Ala Deu Asy Phe Arg Thr Pro Arg Ash Ala Lys Ile Ile Ash Val Cys
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Ass. Inp. The Let Ser Ser Ala The Gly Let Pro Val Met Phe Met Ala
       type type Akg Gin Gly Cer lie Asp Cys Thr Leu Thr Pho Ser
                        215
His Fro The Trp Tyr Trp Glu Ash Leu Leu Lys Ile Cys Val Phe Ile
225
                   230
                                        235
Phe Ala Phe Ile Met Pro Val Leu Ile Ile Thr Val Cys Tyr Gly Leu
                                    250
                245
Met Ile Leu Arg Leu Lys Ser Val Arg Met Leu Ser Gly Ser Lys Glu
                                                    270
                                265
Lys Asp Arg Ash Leu Arg Arg Ile Thr Arg Met Val Leu Val Val Val
                                                285
                            280
A. . Mal Bho The Mai Cys Trp Thr Bro the His Ile Tyr Mai The Ile
Lys Ala Lou Var Thr Ile Pro Glu Thr Thr Phe Gin Thr Val Ger Trp
:05
                                        313
                    310
His Phe Cys Ile Ala Leu Gly Tyr Thr Ash Ser Cys Leu Ash Pro Val
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Leu Tyr Ala Phe Leu Asp Glu Asn Phe Lys Arg Cys Phe Arg Glu Phe
                                345
                                                    350
            340
Cys lle Pro Thr Ser Ser Asn Ile Glu Gln Gln Asn Ser Thr Arg Ile
                            360
Arg Glr. Asr. Thr Arg Asp His Pro Ser Thr Ala Asn Thr Val Asp Arg
                        375
                                            380
The Ash his Glo Ash Tyr Tyr Ile Ile His Arg Leu Cys Cys Ash Thr
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                                        395
                    390
Fro Leu Ile Ser Gin Lys Pro Vai Leu Leu Trp Phe Cys Asp
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\pm 210 > 10
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rain mangng groogaacog cacogacotg ggogggagag acagootgtg coctocgaco
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greattoot coatgatoac ggocatoacg atoatggood totactocat cytytycyty
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atbattuaay bottggtran aatbobayaa actangttob agabtgttto ttggbactto
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typattyoto taggetapad aaabagotyo otoaabbbay tobuttatyu atutotyyat

in.a. Tita aangat prit ragagagttu tytatuuda ootottoosa battyägosä annari ra minnarting tuagasedut agagasusase estoosegge saatadagt garagasuta ateatoagaa tiättätätä attostagat yttyotgosa täoosetutt attiotossa ageoagtett ystetyyttö tytyättää						
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Ser His Leu Asp 35	Gly Asn Leu	Ser Asp Pro		Pro Asn A 45	arg Thr	
Asp Leu Gly Gly 50	Arg Asp Ser	Leu Cys Pro	Pro Thr (Gly Ser E	Pro Ser	
Met Fle Thr Ala	70		7.5		30	
	5.5	Leu Val Met 90		9	÷ 5	
100		Asr. Ile Tyr 105		110		
Ala Asp Ala Leu 115		120		125		
Leu Met Gly Thr 130	135	_	140			
Ser Ile Asp Tyr 145	150		111		1.50	
Met Ser Val Asp	108	170		1	175	
Asy the Arg Thr 180		1 - 5		190		
Ile Leu Ser Ser 195		200		205		
Lys Tyr Arg Gln 210	215		2.2.1			
Thr Trp Tyr Trp 225	230		235		240	
Phe Ile Met Pro	245	250		2	255	
1.00		Met Lau Ser 268		270		
276		And Met Val		285		
The 116 Val Cys	295		300			
Leu Val Thr Ile	310		315		320	
Cys lle Ala Leu	Gly Tyr Thr 325	330	Let Asn		Leu Tyr 335 344 Tha	
- 14. a + 14. a + 15. a + 15. 24. a - 15. a + 15.	Glu Ash Phe	545		350	Oys Ile Ora Ole	
in itti der Ser 300	mai lim siu	Glm Glm Asn 361		365	71. g - J+1.	

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Asn Thr Ary Asp His Pro Ser Thr Ala Asn Thr Val Asp Ary Thr Asn
                                         375
                                                                            330
His Gln Asn Tyr Tyr Ile Ile His Arg Leu Cys Cys Asn Thr Pro Leu
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lle Cer Glm Lys Pro Val Leu Leu Trp Phe Cys Asp
PMIN 12
S..... 2143
- 211.0 DIG
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quaaqgaago ggotgaqqog ottggaaooo gaaaaqtoto ggtgotootg gotaootogo
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abagoggtgo cogocoggoo gtbagtacca tggacagbag cgctgococc abgaacgcca
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aatadaggda aggttodata gattgtadab taabattoto toatobaabb tggtabtggg
assanceget gasgatotge gettebatot togodetbat tatgodageg otdatbatta
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agttutgtat decamentet topmacatty agcambamam etopactoga attogtomya-
acactagaga coaccetos aeggecaata eagtggatag aactaateat eagetagasa
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tyr gwatoga agtoatoata aaaggtgaoo ottotgtotg taagattita tiittoaagoa
                                                                                                                       1900
Batatttatg abotbaabaa agaagaabba tottttgtta agttbabbgt agttabbababat
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atotygotaa qqqatbastt toaqotobat ttottygttt tqtattqtst aaaaaaataa.
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catchette atctagetes ataattgeaa gggaagagat tagsatgaaa ggtaatetga
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gagt sateat gggggatttt teattettag gettteagtg gtttgttee
73173 13
-111 - 1173
82128 DNA
·bl:• Homo Japiens
<400> 13
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36.3
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gueattigga accatectit geaagatagt gateteeata gattaetata acatgiteae
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\(\text{\text}\) katagat tgtacaptaa battototoa tobaapotgg taotgggaaa acotgstgaa.
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autoctttat goatttotgg atgaaaactt caaacgatge ttoagagagt totgtatocc
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<P12> DNA
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    'all: Pasat attiutgace teaacaaaga agaaceatet titgitaagt teacegtagt

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<210 - 21
<211 - 910
<212> DNA
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atagagdatg agaatggagg gaagggaaag caaattgtgg titaagggtt aaagaagagg -
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ctgtutqtaa gattttaatt taagcatata tttatgacct caacaaagac gaaccatctt
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ataa:t:ata gatgttgctg caatacccct cttatttct
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